



# Kindle Fire HDX 7" USB Charging Port Replacement

If your Kindle Fire HDX is refusing to charge and you've tried other solutions, this is the repair guide for you.

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## TOOLS:

- [Flux Glue](#) (1)
- [iFixit Opening Tools](#) (1)
- [T3 Torx Screwdriver](#) (1)
- [T4 Torx Screwdriver](#) (1)



## PARTS:

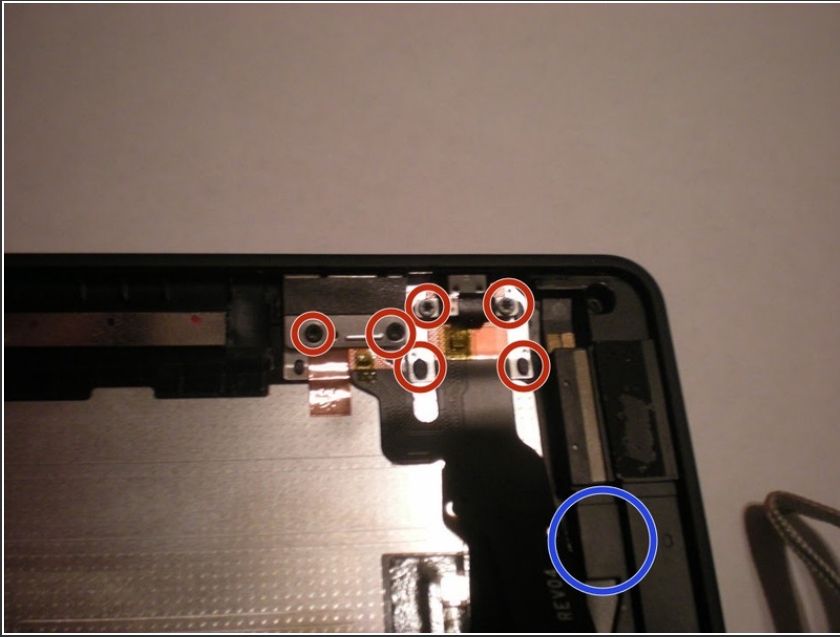
- [Kindle Fire HDX 7" Charging Port](#) (1)

## Step 1 — Opening the Kindle Fire HDX



- See the Kindle Teardown Guide for this step
- Use a plastic opening tool to take the back cover off. You will want to do so by carefully putting the tool in the seam between the front and back covers. Gently pry it open. There are tabs as well as double sided tape/adhesive. Be careful of the little black pieces that hold it together! You don't want to break those!
- Remove the screws under the cover with a T3 screwdriver
- Flip over, and spudge between the screen and the case to break open the kindle. There is more doublesided tape holding the two halves together, so pry firmly but slowly to break the adhesive. Go gently as the motherboard connector attaches the sides.
- Remove the motherboard connector if it did not already come off during your separation

## Step 2 — Unscrew the Part



- This step requires a T4 screwdriver as there are six screws to undo.
- After taking all the screws out, gently remove the part from the motherboard connector side. Lift up the black ribbon to break through the doublesided tape/adhesive. You may use your spudger to help break the glue
- Wiggle the ribbon and the usb power connector and it will come out.

⚠ Be careful not to displace the power button, and notice how the power button tab slides into it's slot into the kindle frame.

## Step 3



- Take out the USB part and separate it from the Kindle Fire.

## Step 4 — Putting on the Port



- Exchange the old port for the new one. Use the two small holes on the ribbon on the USB connector to line the part up with two small dots on the kindle body. Reattach the connector end with the screws, then press the ribbon down to secure it to the adhesive
- Attach the motherboard connector, then use the attached tape to secure it to the motherboard side.
- Test that your charge port now works, and then reassemble your kindle screen. Be sure that the motherboard connector stays attached.

To reassemble your device, follow these instructions in reverse order.

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